

Converting Colors

$Yxy(60.1167, 0.2740, 0.3006)$

Have a look what the booklet for
Yxy(60.1167, 0.2740, 0.3006)
contains.

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Color

Yxy(60.0519, 0.2741, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0E8
RGB	175, 208, 232
RGB Percent	69%, 82%, 91%
CMY	0.3139, 0.1843, 0.0901
CMYK	0.25, 0.10, 0.00, 0.09
HSL	205°, 55%, 80%
HSV	205°, 25%, 91%
XYZ	54.7944, 60.0519, 85.0602
YIQ	200.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

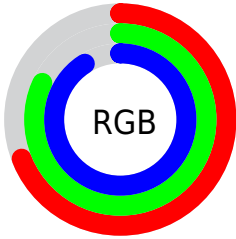
Format	Color
RYB	175, 196, 232
Decimal	11522280
CIELab	81.87, -5.70, -15.46
CIElCh	82, 16.481, 249.761
Yxy	60.0519, 0.2741, 0.3004
Android (android.graphics.Color)	4289712360 (0xFFAFD0E8)
YUV	200.8690, 15.3476, -22.6871
Hunter-Lab	77.4932, -9.3981, -10.8343

Details

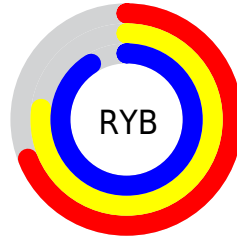
The Yxy color **60.0519, 0.2741, 0.3004** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.0801, 0.3580, 0.3559**, and the grayscale version is **58.2361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **30.3107, 0.2646, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **52.9830, 0.2583, 0.2867**, and if you desaturate by 10%, it is **67.8798, 0.2900, 0.3129**.

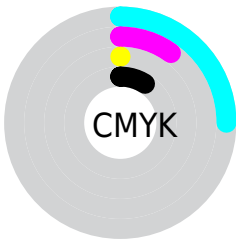
Distribution



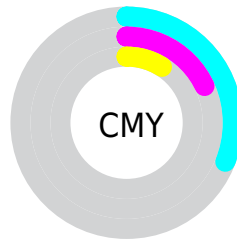
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0519, 0.2741, 0.3004 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.0519, 0.2741, 0.3004 by changing the saturation by 10% instead.

■ 60.0519, 0.2741,
0.3004

■ 60.0519, 0.2741,
0.3004

424.7890, 0.2924,
0.3142

■ 43.4605, 0.2698,
0.2971

■ 104.9050, 0.2805,
0.3053

■ 30.2466, 0.2645,
0.2930

133.9354, 0.2830,
0.3072

■ 20.0258, 0.2578,
0.2877

167.8809, 0.2851,
0.3088

■ 12.4138, 0.2488,
0.2806

207.1259, 0.2869,
0.3101

■ 7.0262, 0.2364,
0.2705

252.0549, 0.2885,
0.3113

■ 3.4785, 0.2182,
0.2555

303.0521, 0.2900,

■ 1.3863, 0.1894,

0.3124

0.2306

360.5020, 0.2912,
0.3133

0.2066, 0.0355,
0.1282

0.0000, 0.0000,
0.0000

60.0519, 0.2741,
0.3004

60.0519, 0.2741,
0.3004

52.9830, 0.2583,
0.2867

67.8798, 0.2900,
0.3129

46.6369, 0.2429,
0.2720

76.4863, 0.3057,
0.3242

40.9851, 0.2284,
0.2564

85.8994, 0.3209,
0.3343

35.9936, 0.2152,
0.2402

93.6420, 0.3270,
0.3437

■ 31.6250, 0.2037,
0.2237

■ 98.6073, 0.3262,
0.3512

■ 27.8362, 0.1944,
0.2073

■ 24.5759, 0.1873,
0.1913

■ 22.9931, 0.1841,
0.1829

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0519, 0.2733, 0.3151



60.0519, 0.2741, 0.3004



60.0519, 0.2848, 0.2938

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.0519, 0.2741, 0.3004



60.0519, 0.3434, 0.3226



60.0519, 0.3212, 0.3646

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.0519, 0.2741, 0.3004



61.0801, 0.3580, 0.3559

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.0519, 0.3406, 0.3656



60.0519, 0.2741, 0.3004



60.0519, 0.3538, 0.3406

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.0519, 0.2741, 0.3004



60.0519, 0.3246, 0.3066



60.0519, 0.3527, 0.3564



60.0519, 0.3001, 0.3531

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.0519, 0.2741, 0.3004



60.0519, 0.2964, 0.2944



60.0519, 0.3527, 0.3564



60.0519, 0.3282, 0.3662

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.0543, 0.2741, 0.3004



92.0727, 0.3019, 0.3216



70.9435, 0.2954, 0.3689



19.5660, 0.3009, 0.3209



0.0000, 0.0000, 0.0000



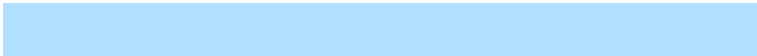
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0543, 0.2741, 0.3004



69.4232, 0.2653, 0.2929



47.4610, 0.2711, 0.2653



15.2671, 0.2981, 0.3189



13.0171, 0.1848, 0.1854



1.1448, 0.1912, 0.2084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.3556, 0.3352, 0.2925



58.6181, 0.3417, 0.2839



75.3347, 0.3509, 0.3856



14.5073, 0.3202, 0.3155



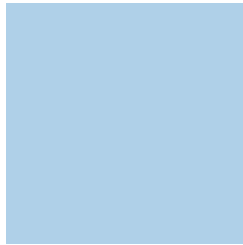
10.5118, 0.4621, 0.2319



0.7952, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 60.0519, 0.2741, 0.3004 looks on a white background.

Color Contrast Check

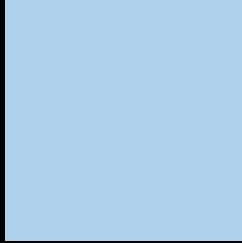
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.0519, 0.2741, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

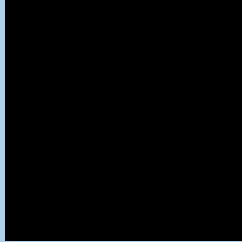
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

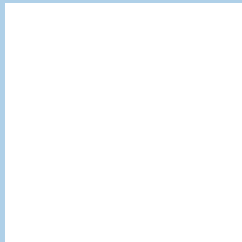
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0519, 0.2741, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 60.0519, 0.2741, 0.3004.



This preview shows how white text looks on a background with the Yxy color 60.0519, 0.2741, 0.3004.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.0519, 0.2741, 0.3004

Protanopia

59.9846, 0.2926, 0.2991

Deuteranopia

59.7386, 0.2950, 0.2887



Tritanopia

60.0906, 0.2772, 0.3085

Trichromacy



Original Color

60.0519, 0.2741, 0.3004

Protanomaly

59.7900, 0.2857, 0.2998

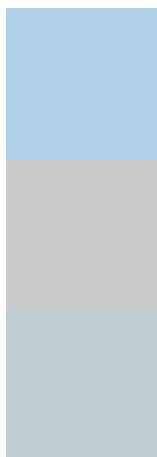
Deuteranomaly

59.8600, 0.2872, 0.2934

Tritanomaly

60.2010, 0.2760, 0.3062

Monochromacy



Original Color

60.0519, 0.2741, 0.3004

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1457, 0.2982, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0519, 0.2741, 0.3004 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.0519, 0.2741, 0.3004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 208, 232) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 208, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0519, 0.2741, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
208, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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